

**TRANSMITTAL LETTER
(General - Patent Pending)**

Docket No.
112857-034

In Re Application Of: Moriguchi, et al.

Serial No.
09/292,834

Filing Date
April 16, 1999

Examiner
S. Henderickson

Group Art Unit
1754

Title: **GRAPHITE POWDERS SUITED FOR NEGATIVE ELECTRODE MATERIAL OF LITHIUM ION
SECONDARY BATTERY**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is:

Response to Office Action (9 pgs.); and return receipt postcard.

RECEIVED
DEC 27 2002
TC 1700

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of _____ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **02-1818** as described below. A duplicate copy of this sheet is enclosed.
- ☐ Charge the amount of _____
- ☐ Credit any overpayment.
- ☒ Charge any additional fee required.



Signature

Dated: **December 17, 2002**

Thomas C. Basso
Reg. N . 46,541
BELL, BOYD & LLOYD LLC
P.O. Box 1135
Chicago, IL 60690-1135
Phone: 312-807-4310

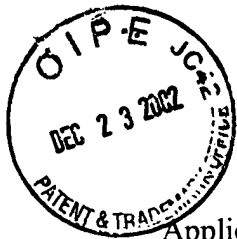
I certify that this document and fee is being deposited on 12-17-2002 with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Signature of Person Mailing Correspondence

Robert J. Buccieri

Typed or Printed Name of Person Mailing Correspondence

CC:



#241E
1/2/3

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Koji Moriguchi, et al.
Appl. No.: 09/292,834
Filed: April 16, 1999
Title: GRAPHITE POWDERS SUITED FOR NEGATIVE ELECTRODE
MATERIAL OF LITHIUM ION SECONDARY BATTERY
Art Unit: 1754
Examiner: S. Hendrickson
Docket No.: 112857-034

Assistant Commissioner for Patents
Washington, DC 20231

RECEIVED
DEC 27 2002
TC 1700

RESPONSE TO OFFICE ACTION

Sir:

In response to the Office Action dated September 18, 2002, please amend the above-identified patent application as follows:

In the Claims:

Please amend Claim 1 as follows:

R1
Sub 61
1. (Five Times Amended) A graphite powder formed by graphitization at a temperature ranging from about 1500°C to less than 2200°C, the graphite powder comprising a carbon material containing about 0.01 to less than 1.0 wt% of boron and having a looped closure structure at an end of a graphite c-planar layer on at least a surface of cleavage formed by shearing, wherein the density of the interstitial planar sections between neighboring closure structures is not less than 100/μm and not more than 1500/μm.

Please add claims 11-17 as follows:

F2
11. (Newly Added) A negative electrode material of a lithium ion secondary battery, the negative electrode material consisting essentially of a graphite powder formed by graphitization at a temperature ranging from about 1500°C to less than 2200°C, the graphite powder comprising a carbon material containing about 0.01 to less than 1.0 wt% of boron and having a looped closure structure at an end of a graphite c-planar layer on at least a surface of cleavage formed by shearing, wherein the density of the interstitial planar sections between neighboring closure structures is not less than 100/μm and not more than 1500/μm.